

**INTERNATIONAL HYDROGRAPHIC ORGANIZATION**

**INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)**

**UNDERSEA FEATURE NAME PROPOSAL**

<b>Name Proposed:</b>	Othon Leonardos Seamount	<b>Ocean or Sea:</b> Atlantic Ocean
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<b>Geometry</b> that best defines the feature (Yes/No):						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
Yes		Yes				

\* Geometry should be clearly distinguished when providing the coordinates below.

	Lat.	Long.
<b>Coordinates:</b>	05°34.80'S (Central Point)	034°13.83'W (Central Point)
	05°33.36'S	034°17.94'W
	05°38.17'S	034°17.82'W
	05°40.99'S	034°14.07'W
	05°39.09'S	034°08.76'W
	05°34.17'S	034°07.47'W
	05°29.89'S	034°09.81'W
	05°30.34'S	034°14.48'W

<b>Feature Description:</b>	Maximum Depth: - 4080 m	Steepness:
	Minimum Depth: - 2170 m	Shape: Conical
	Total Relief:	Dimension/Size: 16 Km x 21 Km (approximately)

**Associated Features:** Rio Grande do Norte Plateau, Natal Terrace

<b>Chart/Map References:</b>	Shown Named on Map/Chart:
	Shown Unnamed on Map/Chart: 22100 (INT 2114) 20 (INT 202)
	Within Area of Map/Chart: 19002 (INT 22)

**Reason for Choice of Name:** He was a brilliant Brazilian geologist who was born in 1899 and passed away in 1977. He dedicated his professional life teaching and studying the geology of Brazil. He also publicised many papers and was one of the founder and director of the Rio de Janeiro National Geology School in 1958.

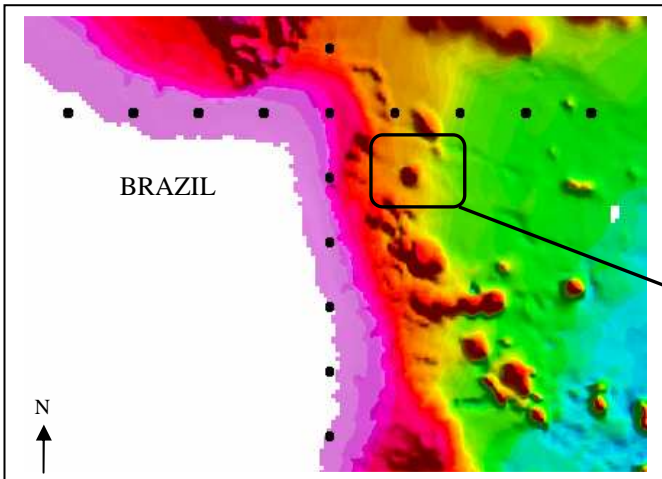
**Discovery Facts:**

Discovery Date: -----  
Discoverer (Individual, Ship): -----

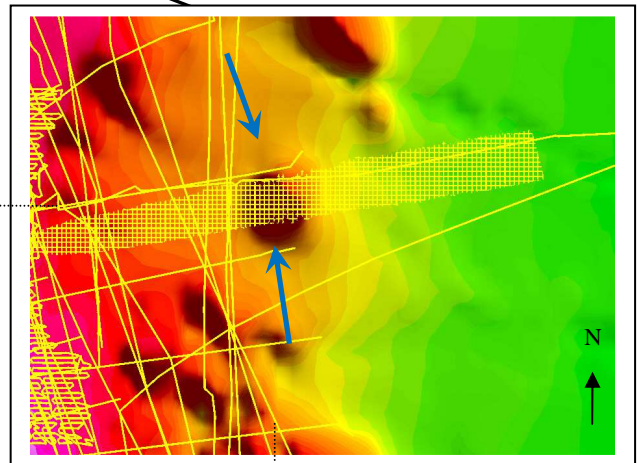
**Supporting Survey Data,  
including Track Controls:**

Date of Survey: August/2009  
Survey Ship: Sea Surveyor (Brazilian Continental Shelf Project)  
Sounding Equipment: Multibeam – Kongsberg – Simrad EM 122  
Type of Navigation: GPS  
Estimated Horizontal Accuracy (nm):  
Survey Track Spacing:

Location of Othon Leonardos Seamount

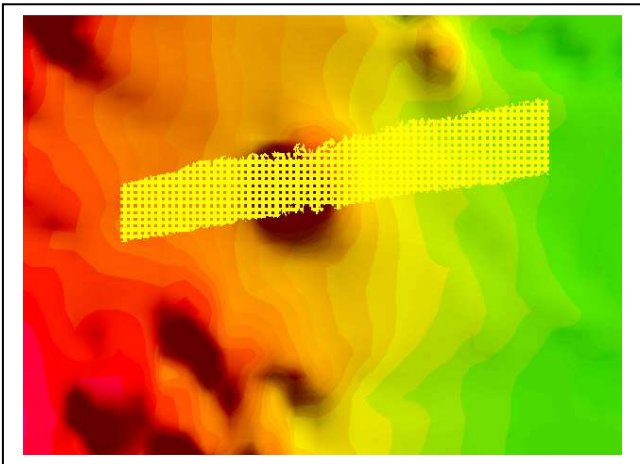
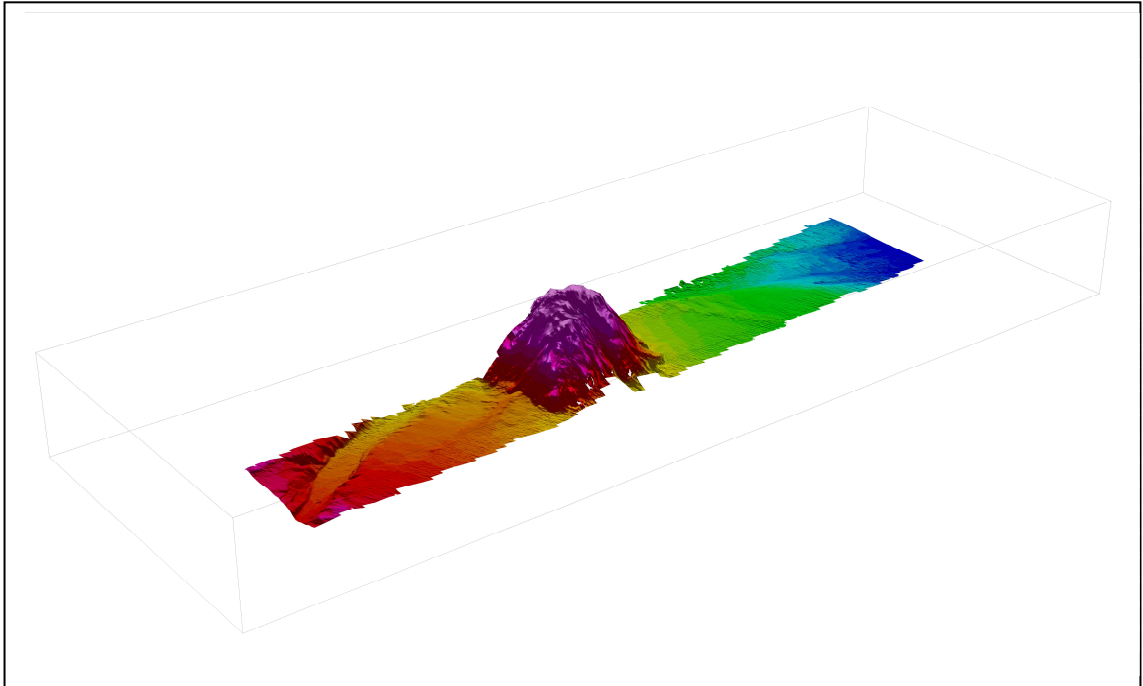


05°34.80'S

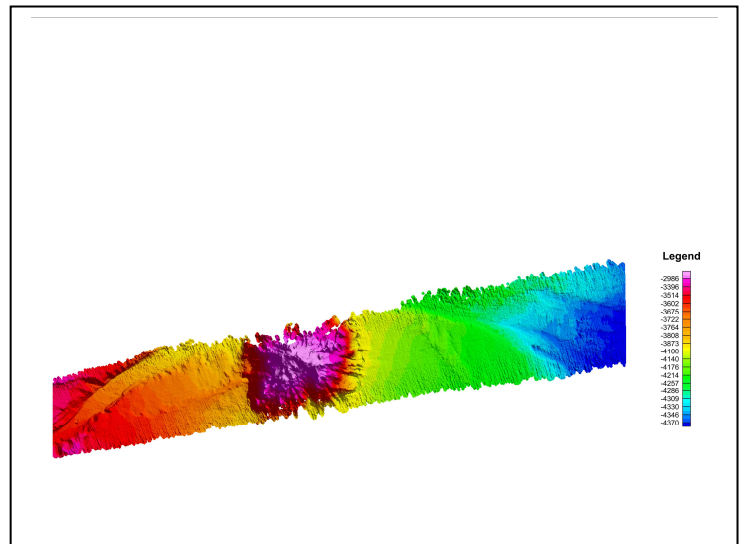


34°13.83'W

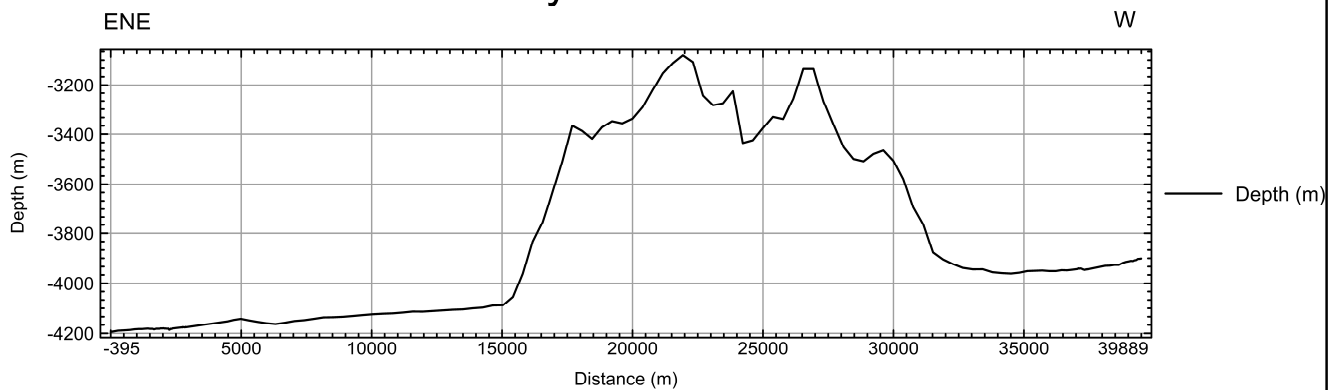
### 3D Model



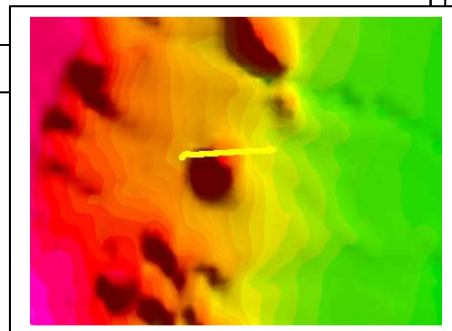
Multibeam track line



## Bathymetric Profile



L. Dciltner



**Proposer(s):**

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Date: July 2010

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Concurrer (name, e-mail, organization and address):